

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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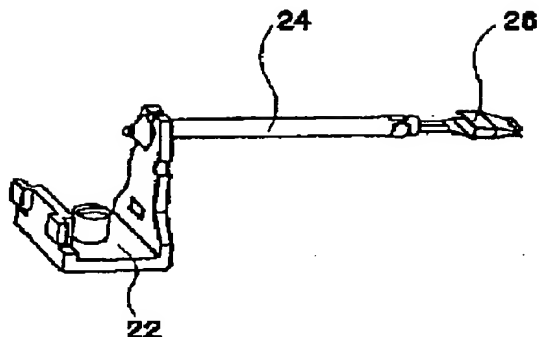
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APPLICANT : IDEC IZUMI CORP;

INVENTOR : SHINNAI HIDEO;

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TITLE : ELECTRIC COMPONENT WITH LEAD  
WIRE AND CONDUCTIVE METAL  
FITTING AND ITS MANUFACTURE



ABSTRACT : PROBLEM TO BE SOLVED: To provide an electric component easy to manufacture, having high reliability and capable of being miniaturized.

SOLUTION: A conductor on one end side of a lead wire 24 is inserted into a terminal metal fitting 22 and is caulked then soldered. A socket metal fitting 26 which is another conductive metal fitting is connected by caulking to a conductor on the other end side of the lead wire 24. A lead wire guide hole for guiding the conductor of the lead wire 24 is provided in the thickness direction on the terminal metal fitting 22. A structure required for connection can be miniaturized. The terminal metal fitting 22 is caulked then soldered, thus the soldering work is facilitated.

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